

Express Mail Mailing Label No.: EV334240799US

TRANSMITTAL  
FORM

Application Serial Number	10/688,845
Filing Date	October 15, 2003
First Named Inventor	Michael T. Lotze
Group Art Unit	1614
Examiner Name	Not yet assigned
Attorney Docket No.	UPT-004
Confirmation No.	9535
Issue Date	Not applicable

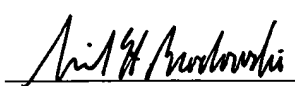
## ENCLOSURES (check all that apply)

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Check Attached (\$1253.00)<br><input type="checkbox"/> Copy of Fee Transmittal Form<br><input checked="" type="checkbox"/> Amendment/Response<br><input checked="" type="checkbox"/> Preliminary (7 pgs.)<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]<br><input checked="" type="checkbox"/> Petition for Extension of Time (1 pg.)<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Form PTO-1449<br><input type="checkbox"/> Copies of IDS Citations<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Sequence Listing submission<br><input type="checkbox"/> Paper Copy/CD<br><input type="checkbox"/> Computer Readable Copy<br><input type="checkbox"/> Statement verifying identity of above | <input checked="" type="checkbox"/> Copy of Notice to File Missing Parts of Application (2 pgs.)<br><input checked="" type="checkbox"/> Formal Drawings (10 sheets)<br><input type="checkbox"/> Request For Continued Examination (RCE) Transmittal<br><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)<br><input type="checkbox"/> Terminal Disclaimer<br><input checked="" type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application (3 pgs.)<br><input checked="" type="checkbox"/> Small Entity Statement (1 pg.)<br><input type="checkbox"/> CD(s) for large table or computer program<br><input type="checkbox"/> Amendment After Allowance<br><input type="checkbox"/> Request for Certificate of Correction<br><input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences<br><input type="checkbox"/> Appeal Brief (in triplicate)<br><input type="checkbox"/> Status Inquiry<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8<br><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8<br><input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below)<br>Marked-Up Sheets of Informal Drawings Showing Amendments (8 sheets) |
|---|---|--|

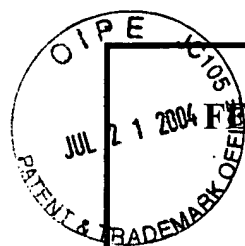
## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Respectfully submitted,  
  
Michael H. Brodowski  
Attorney for the Applicants  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110

Date: July 21, 2004  
Reg. No. 41,640  
Tel. No.: (617) 248-7012  
Fax No.: (617) 248-7100



# **FEE TRANSMITTAL** **FY 2004**

Complete if Known

Application Serial Number	10/688,845
Filing Date	October 15, 2003
First Named Inventor	Michael T. Lotze
Group Art Unit	1614
Examiner Name	Not yet assigned
Attorney Docket No.	UPT-004

## METHOD OF PAYMENT

1. ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other
2. ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 20-0531.  
☐ Required Fees (copy of this sheet enclosed).  
☒ Additional fee required under 37 CFR 1.16 and 1.17.  
☒ Overpayment Credit.
3. ☒ Applicant claims small entity status.

## FEE CALCULATION

## 1. FILING FEE

## Large Entity

Fee (\$)	Fee Description	Fee Paid
770	Utility filing fee	770.00
340	Design filing fee	
160	Provisional filing fee	

	Number Filed	Number Extra	Rate	Amount
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Total Claims	27	- 20 = 7	x \$ 18.00 =	126.00
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Independent Claims	3	- 3 = 0	x \$ 86.00 =	0.00
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<input type="checkbox"/> Multiple Dependent Claim(s), if any			\$290.00 =	0.00
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TOTAL: 896.00

SMALL ENTITY DISCOUNT: 448.00

SUBTOTAL (1) (\$) 448.00

## 2. AMENDMENT CLAIM FEES

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
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Total	-	=	x \$ 18.00 =	
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Indep.	-	=	x \$ 86.00 =	
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<input type="checkbox"/> First Presentation of Multiple Dep. Claim			+ \$290.00 =	
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TOTAL: (\$)

SMALL ENTITY DISCOUNT: (\$)

SUBTOTAL (2) (\$) 0.00

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	65.00
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	Request for ex parte reexamination	
110	55	Extension for reply within first month	
420	210	Extension for reply within second month	
950	475	Extension for reply within third month	
1480	740	Extension for reply within fourth month	740.00
2010	1005	Extension for reply within fifth month	
330	165	Notice of Appeal	
330	165	Filing a brief in support of an appeal	
290	145	Request for oral hearing	
130	130	Petitions to the Commissioner	
180	180	Submission of Information Disclosure Statement	
770	385	Filing a submission after final rejection (37 CFR 1.129(a))	
770	385	For each additional invention to be examined (37 CFR 1.129(b))	
100	100	Certificate of Correction for applicant's error	
110	55	Submission of Terminal Disclaimer	

Other fee (Specify)

Other fee (Specify)

SUBTOTAL (3) (\$) 805.00

SUBTOTAL (1) 448.00

SUBTOTAL (2) 0.00

SUBTOTAL (3) 805.00

TOTAL (\$) 1253.00

## CORRESPONDENCE ADDRESS

Direct all correspondence to:

Patent Administrator  
 Testa, Hurwitz & Thibault, LLP  
 High Street Tower-125 High Street  
 Boston, MA 02110  
 Tel. No.: (617) 248-7000  
 Fax No.: (617) 248-7100

## SIGNATURE BLOCK

Respectfully submitted,

Date: July 21, 2004  
 Reg. No.: 41,640  
 Tel. No.: (617) 248-7012  
 Fax No.: (617) 248-7100

*Michael H. Brodowski*  
 Michael H. Brodowski  
 Attorney for the Applicants  
 Testa, Hurwitz & Thibault, LLP  
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 Boston, MA 02110

Express Mail Mailing Label No.:  
EV334240799US



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/688.845	10/15/2003	Michael T. Lotze	UPT-004

021323  
TESTA, HURWITZ & THIBEAULT, LLP  
HIGH STREET TOWER  
125 HIGH STREET  
BOSTON, MA 02110



CONFIRMATION NO. 9535

## FORMALITIES LETTER



\*OC000000011811424\*

Date Mailed: 02/02/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/23/2004 BABRAHA1 00000015 10688845

FILED UNDER 37 CFR 1.53(b)

01 FC:2001	385.00 OP
02 FC:2051	65.00 OP
03 FC:2202	63.00 OP

Filing Date Granted

## Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 1B, 2A, 2B, 3B.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$126** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

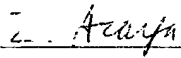
Total additional fee(s) required for this application is **\$1026** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$126**
  - **\$126** for 7 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE